

Name: _____ Date: _____

1. What is the difference between wear and nonwear center links?
 - A. Wear center links have ball joints, while nonwear center links do not
 - B. Nonwear center links are used in heavy-duty vehicles only
 - C. Wear center links are not replaceable
 - D. Nonwear center links are made of rubber

2. What is the significance of the steering linkage being straight and level?
 - A. It ensures that the vehicle can perform rapid-lane-change-type maneuvers
 - B. It is crucial for the proper articulation of the steering system
 - C. It prevents the steering linkage from absorbing shocks
 - D. It is only significant during the manufacturing process

3. What is the purpose of the grease fitting sometimes called a Zerk fitting?
 - A. To allow for the injection of steering fluid
 - B. To enable the attachment of the steering dampener
 - C. To provide a point for lubrication of the steering components
 - D. To secure the center link to the frame

4. How are inner tie rods typically attached to the steering rack?
 - A. By welding
 - B. By a locking clip
 - C. By various methods such as staking or bolts
 - D. By permanent rivets

5. What is the result of a steering linkage that is not parallel to the ground?
 - A. Increased steering response
 - B. Decreased need for lubrication
 - C. Potential for bump steer
 - D. Enhanced vehicle stability

6. What is the term used for steering where the front and rear wheels are steered in the same direction?
 - A. Same-phase steering
 - B. Opposite-phase steering
 - C. Cross-steer linkage
 - D. Haltenberger linkage

7. What is the primary purpose of the steering linkage?
 - A. To relay steering forces from the steering gear to the front wheels
 - B. To absorb shocks from the road
 - C. To maintain the wheels in alignment
 - D. To connect the steering wheel to the steering gear

8. What is the function of the pitman arm connection in the steering linkage?

- A. To support the steering linkage
- B. To transfer movement from the pitman arm to the center link
- C. To absorb and dampen sudden motions
- D. To adjust the length of the steering linkage

9. What is the purpose of the steering arm in the steering linkage?

- A. To connect the tie rods to the steering knuckle
- B. To support the center link
- C. To absorb shocks from the road
- D. To maintain the steering linkage level with the road

10. What is a potential consequence of an idler arm that is not installed correctly?

- A. Increased steering response
- B. Bump steer
- C. Decreased lubrication efficiency
- D. Enhanced vehicle stability

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Chapter 116

Multiple Choice Quiz B

Answer Key

1. A

2. B

3. C

4. C

5. C

6. A

7. A

8. B

9. A

10. B